

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,204,804 B2  
APPLICATION NO. : 10/656557  
DATED : April 17, 2007  
INVENTOR(S) : Zirps et al.

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheets 1-7 and Title Page: replace with sheets 1-8 in formal form as shown in attached sheets.

Claim 2, column 7, line 30: replace "an accessory" with --the second component--.

Signed and Sealed this

Seventh Day of August, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
**Zirps et al.**

(10) Patent No.: **US 7,204,804 B2**  
 (45) Date of Patent: **Apr. 17, 2007**

(54) **ENDOSCOPIC ACCESSORY MOUNTING ADAPTOR**

(75) Inventors: Christopher T. Zirps, Sharon, MA (US); Timothy R. Membrino, Acton, MA (US); Scott Reed, Monroe, CT (US); Eric Mears, South Bristol, ME (US)

(73) Assignee: C.R. Bard, Inc., Murray Hill, NJ (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/656,557

(22) Filed: Sep. 5, 2003

(65) Prior Publication Data  
 US 2004/0215058 A1 Oct. 28, 2004

**Related U.S. Application Data**

(60) Provisional application No. 60/408,750, filed on Sep. 6, 2002.

(51) Int. Cl.  
 A61B 1/00 (2006.01)

(52) U.S. CL. 600/127; 600/129; 600/104

(58) Field of Classification Search 600/127, 600/104, 129, 121, 123

See application file for complete search history.

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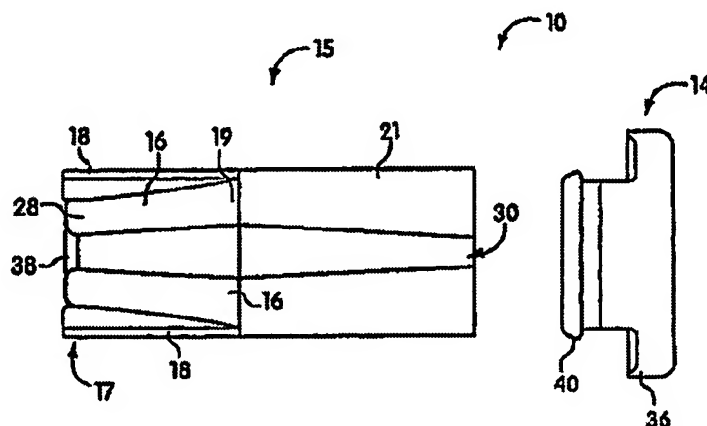
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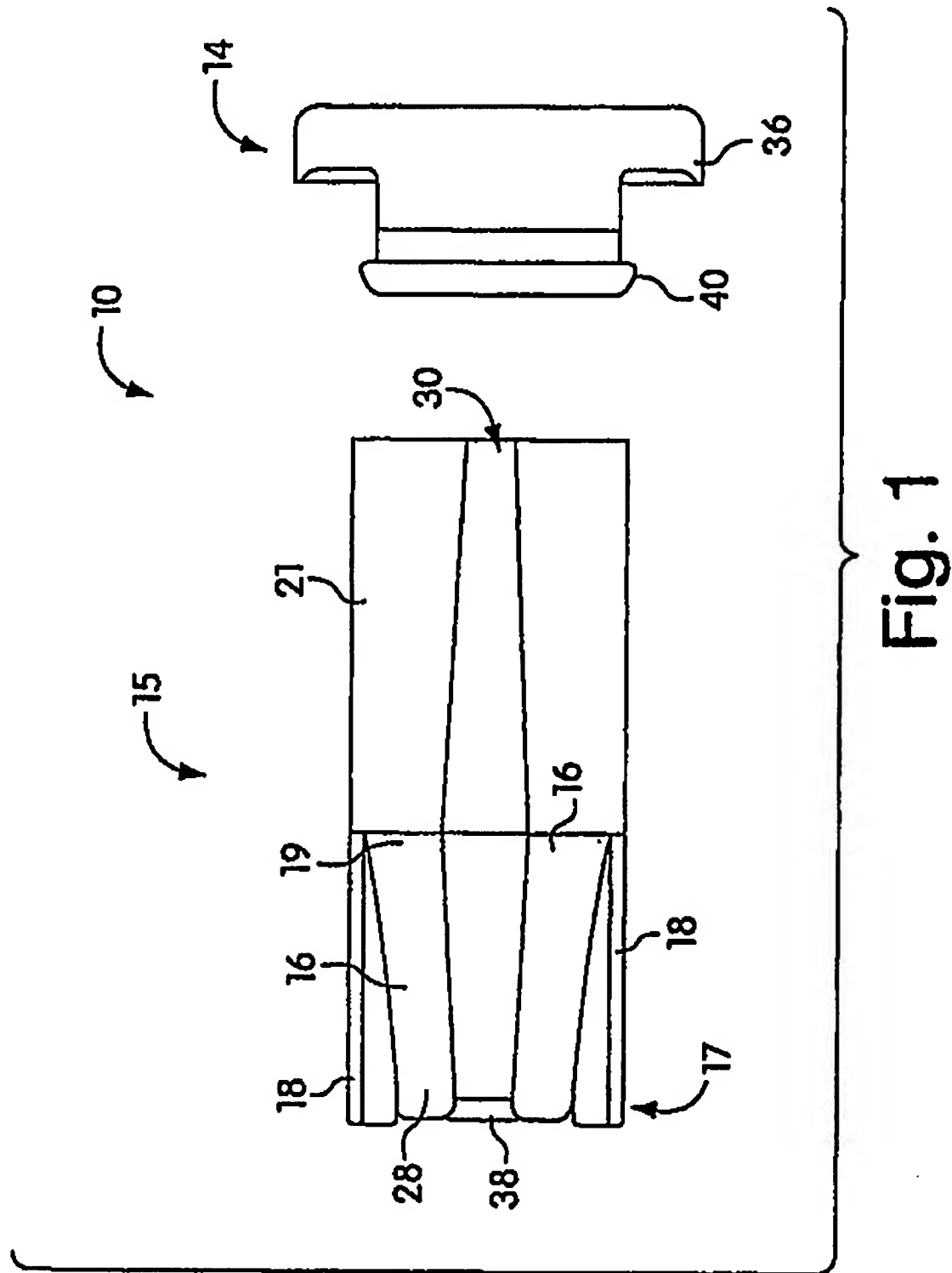
*Primary Examiner*—Beverly M. Flanagan  
 (74) *Attorney, Agent, or Firm*—Kirkpatrick & Lockhart  
 Nicholson Graham LLP

(57) **ABSTRACT**

The present invention relates to a mounting adapter for releasably securing accessories, tools, or their medical instruments to the distal end of an endoscope. The adapter is compatible with endoscopic accessories that have a cylindrical mounting surface, which becomes positioned over a length of the distal end of an endoscope. The adaptor is preferably provided in two components to support both ends of a cylindrical accessory on the endoscope surface. The adapter is configured to hold the accessory on the endoscope shaft by frictional engagement and is configured to maintain the accessory concentric with the shaft along its length. The adapter also is configured to mount an accessory to a wide range of commercially available endoscope diameters.

14 Claims, 7 Drawing Sheets





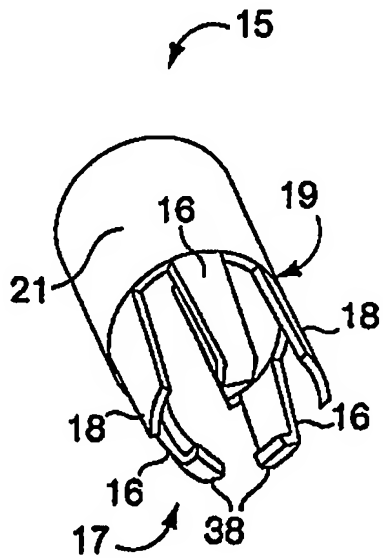


Fig. 2A

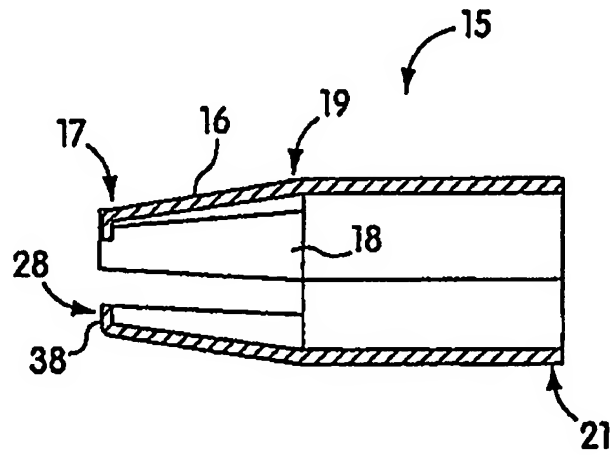


Fig. 2C

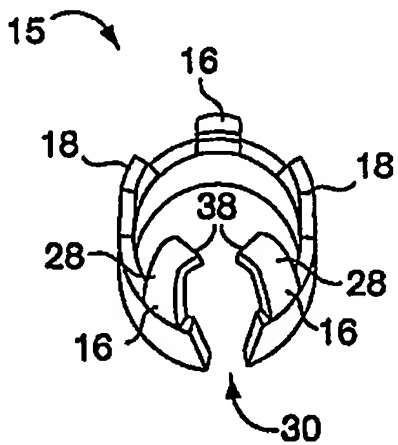


Fig. 2B

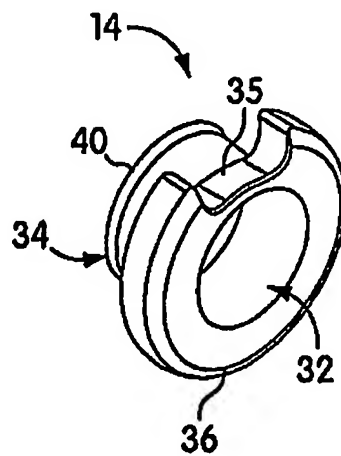
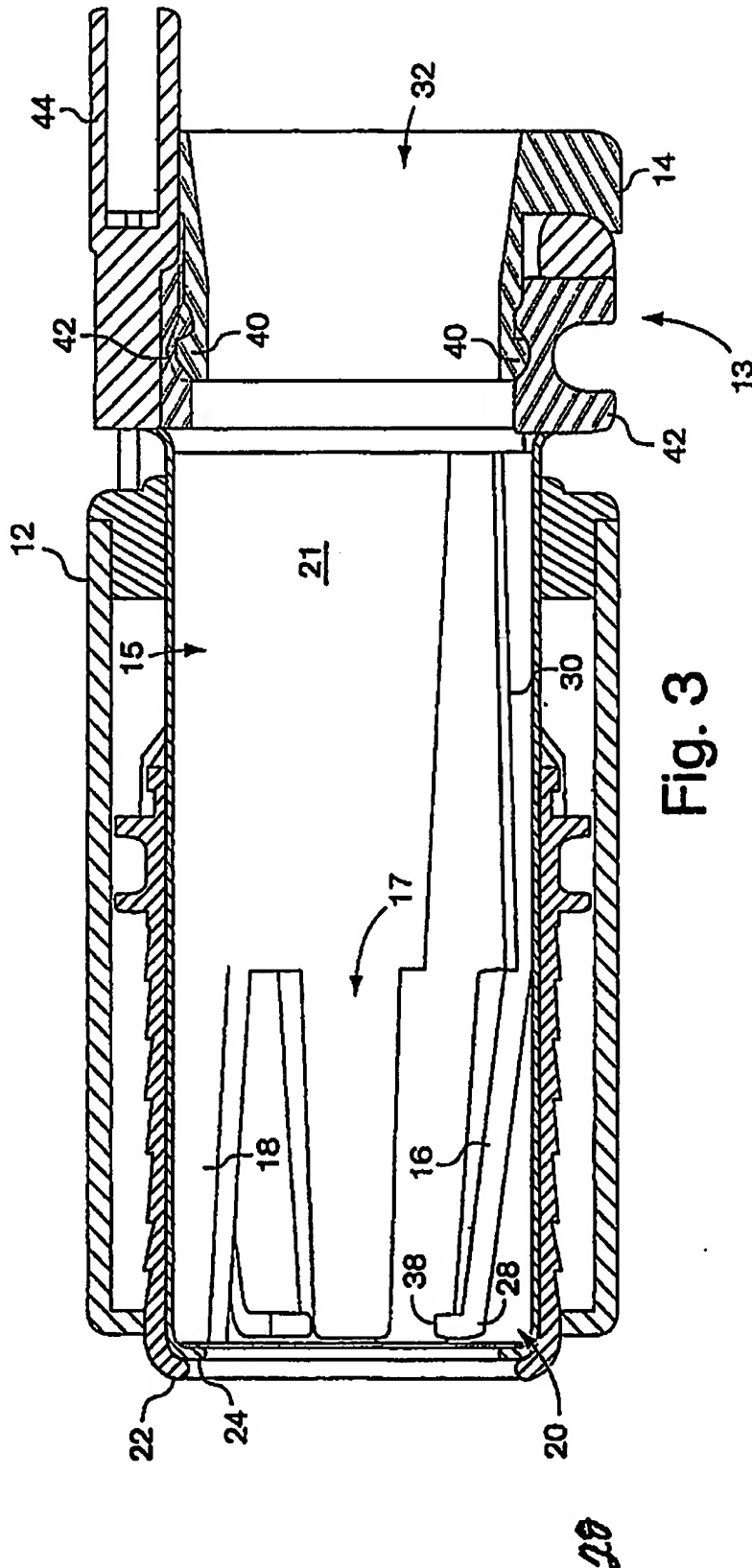


Fig. 2D



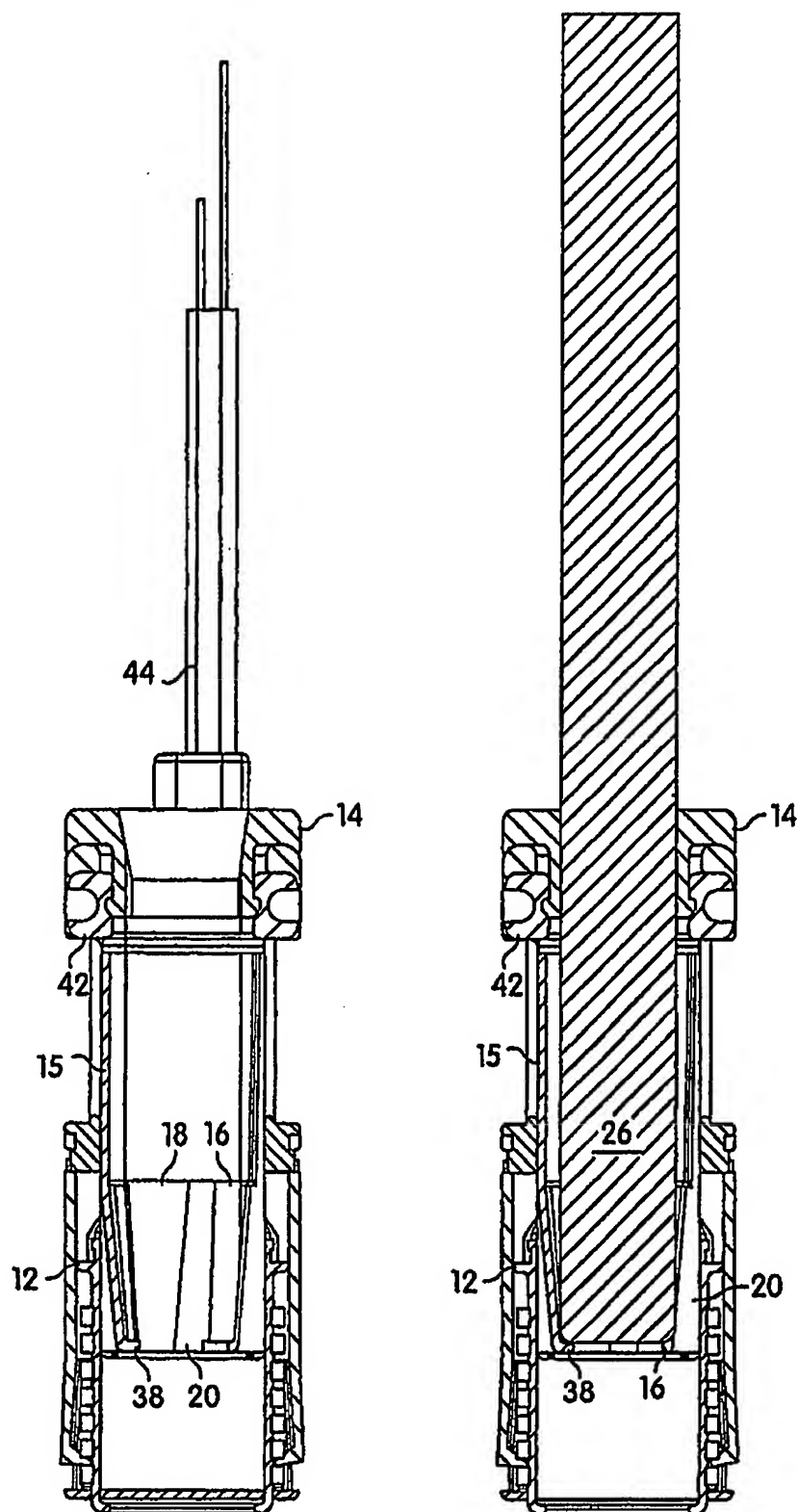
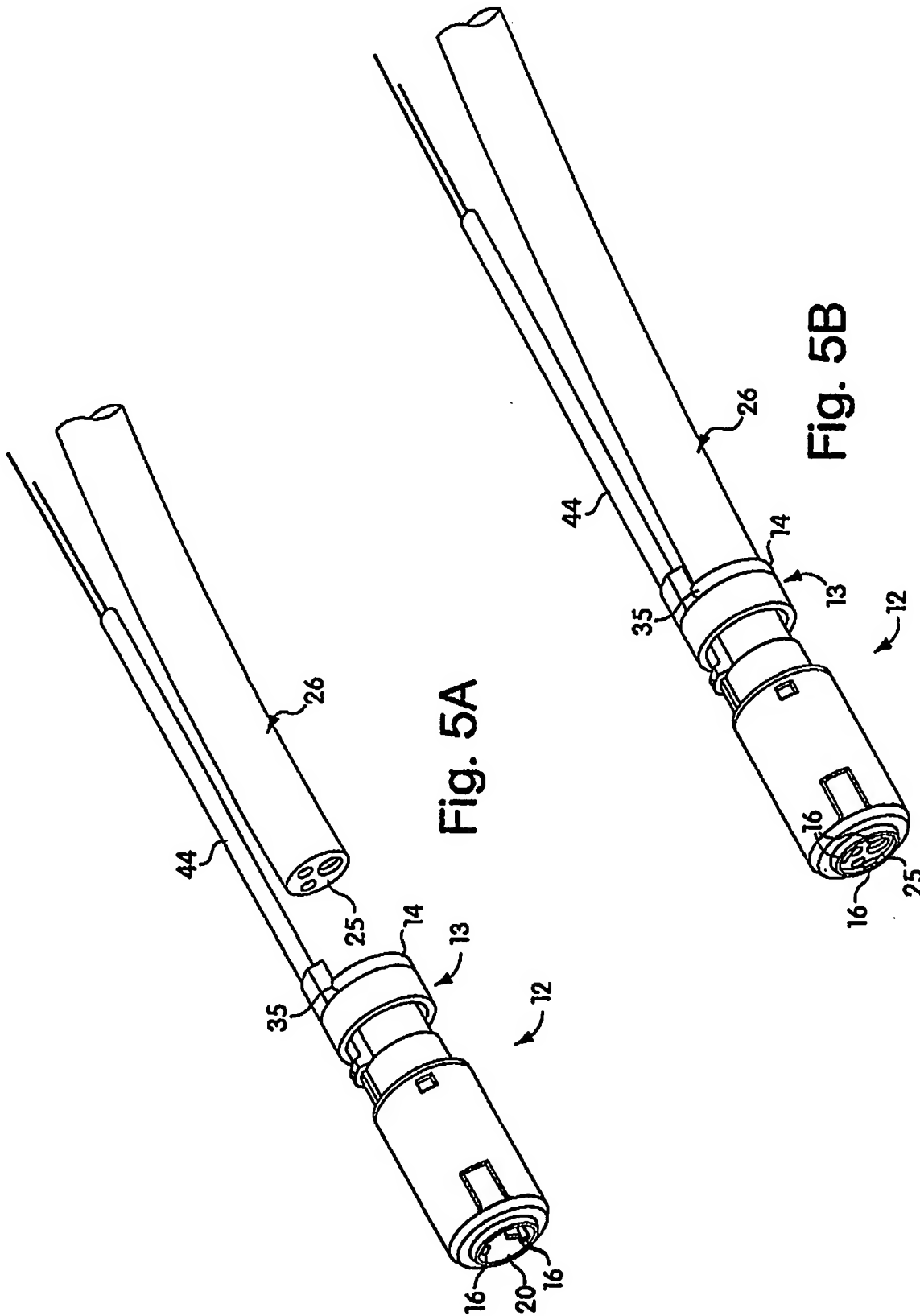


Fig. 4A

Fig. 4B



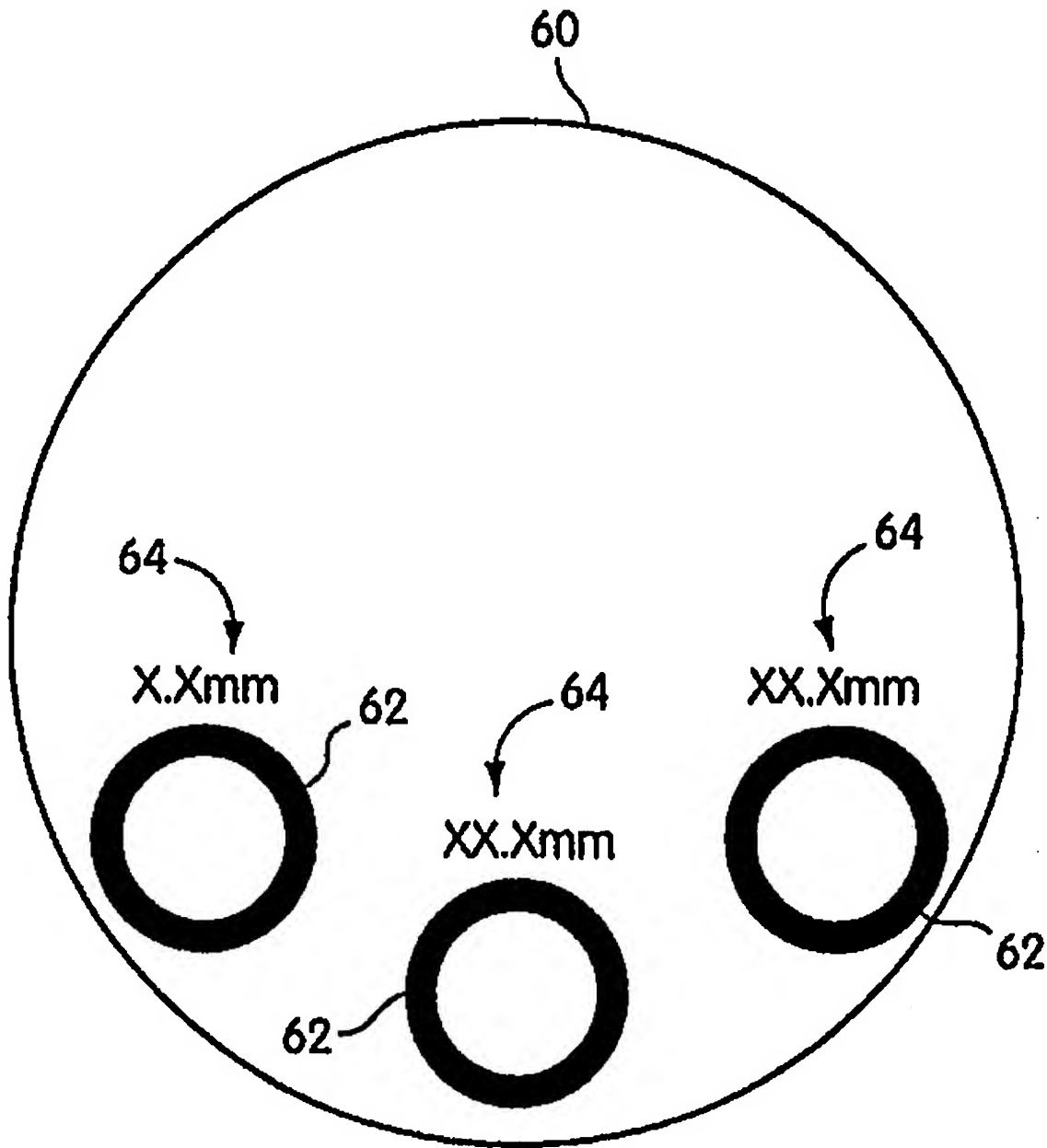


Fig. 6



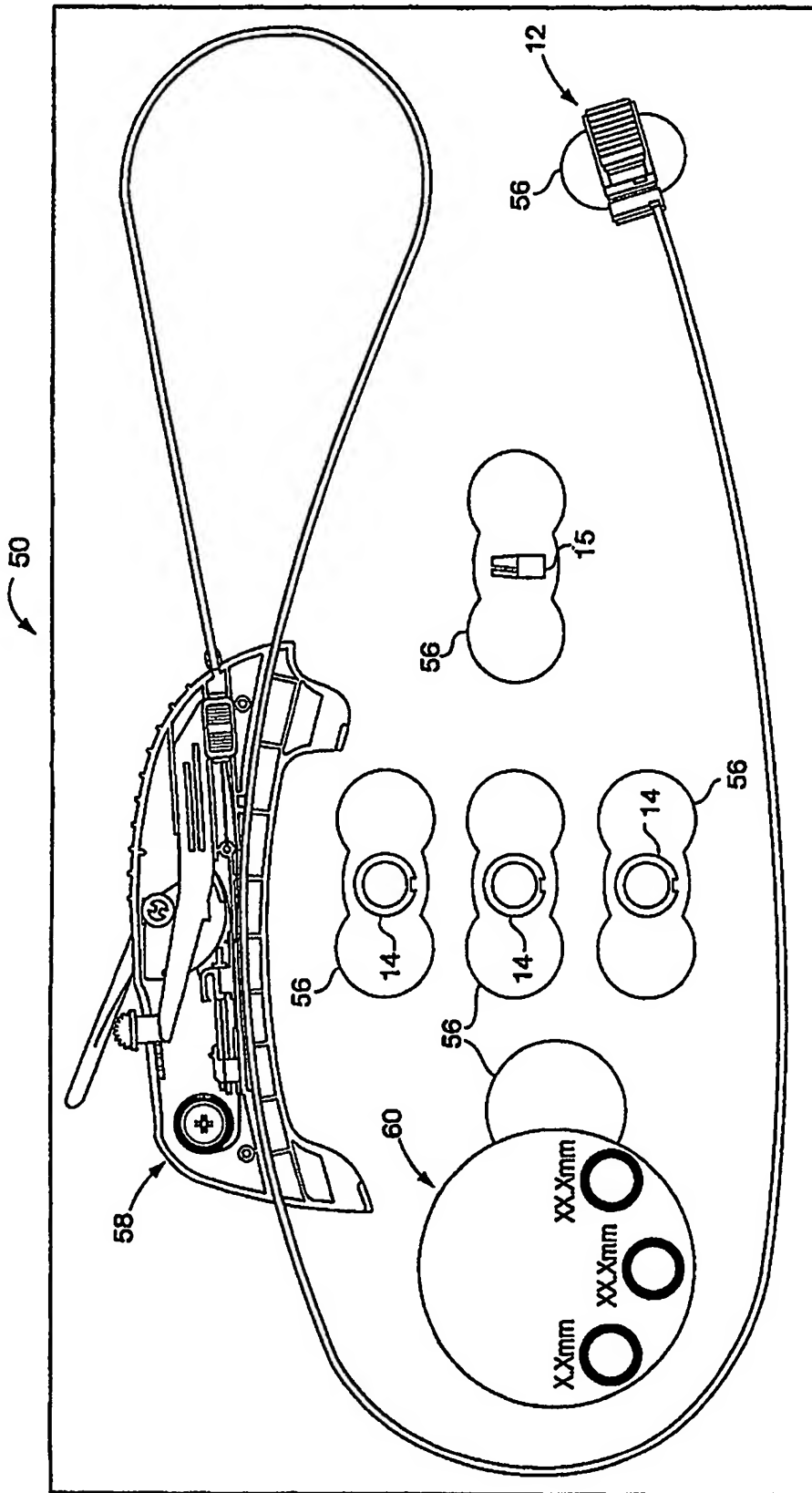


Fig. 7